SEQUENCE LISTING

<110> Rothman, James
Mayhew, Mark
Hoe, Mee

<120> KDEL RECEPTOR INHIBITORS

<130> 31488

<140> US 09/124,671
<141> 1998-07-29

<160> 42

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 46
<212> PRT
<213> Ratus ratus

<400> 1

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Gly Asp Leu Ala Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala
 1               5                  10                  15
Ala Leu Gln Asp Val Arg Glu Leu Leu Arg Gln Gln Val Lys Glu Ile
            20                  25                  30
Thr Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly
        35                  40                  45
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<210> 2
<211> 46
<212> PRT
<213> Homo sapiens

<400> 2

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Ser Asp Leu Gly Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala
 1               5                  10                  15
Ala Leu Gln Asp Val Arg Asp Trp Leu Arg Gln Gln Val Arg Glu Ile
            20                  25                  30
Thr Phe Leu Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly
        35                  40                  45
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<210> 3
<211> 46
<212> PRT
<213> Mus musculus

<400> 3

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Gly Glu Gln Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln
 1               5                  10                  15
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Ile Leu Val Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met
20 25 30
Ser Leu Ile Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly
35 40 45

<210> 4
<211> 46
<212> PRT
<213> Homo sapiens

<400> 4
Gly Glu Gln Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln
1 5 10 15
Ile Leu Val Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met
20 25 30
Ser Leu Ile Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly
35 40 45

<210> 5
<211> 46
<212> PRT
<213> Homo sapiens

<400> 5
Gly Asp Phe Asn Arg Gln Phe Leu Gly Gln Met Thr Gln Leu Asn Gln
1 5 10 15
Leu Leu Gly Glu Val Lys Asp Leu Leu Arg Gln Gln Val Lys Glu Thr
20 25 30
Ser Phe Leu Arg Asn Thr Ile Ala Glu Cys Gln Ala Cys Gly
35 40 45

<210> 6
<211> 46
<212> PRT
<213> Xenopus laevis

<400> 6
Gly Asp Val Ser Arg Gln Leu Ile Gly Gln Ile Thr Gln Met Asn Gln
1 5 10 15
Met Leu Gly Glu Leu Arg Asp Val Met Arg Gln Gln Val Lys Glu Thr
20 25 30
Met Phe Leu Arg Asn Thr Ile Ala Glu Cys Gln Ala Cys Gly
35 40 45

<210> 7
<211> 27
<212> PRT
<213> Homo sapiens

<400> 7
Gln Lys Leu Gln Asn Leu Phe Ile Asn Phe Cys Leu Ile Leu Ile Cys
1 5 10 15
Leu Leu Leu Ile Cys Ile Ile Val Met Leu Leu

20 25

<210> 8
<211> 9
<212> PRT
<213> papillomavirus

<400> 8
Leu Leu Leu Gly Thr Leu Asn Ile Val
1 5

<210> 9
<211> 9
<212> PRT
<213> papillomavirus

<400> 9
Leu Leu Met Gly Thr Leu Gly Ile Val
1 5

<210> 10
<211> 9
<212> PRT
<213> papillomavirus

<400> 10
Thr Leu Gln Asp Ile Val Leu His Leu
1 5

<210> 11
<211> 9
<212> PRT
<213> papillomavirus

<400> 11
Gly Leu His Cys Tyr Glu Gln Leu Val
1 5

<210> 12
<211> 9
<212> PRT
<213> papillomavirus

<400> 12
Pro Leu Lys Gln His Phe Gln Ile Val
1 5

<210> 13
<211> 115
<212> PRT
<213> Artificial Sequence

<220>

<223> chimeric rat comp

<400> 13

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Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
 1               5                  10                  15
Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Leu Ala Pro Gln Met
            20                  25                  30
Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp Val Arg Glu
        35                  40                  45
Leu Leu Arg Gln Gln Val Lys Glu Ile Thr Phe Leu Lys Asn Thr Val
    50                  55                  60
Met Glu Cys Asp Ala Cys Gly Met Gln Pro Ala Arg Thr Pro Gly Thr
65                  70                  75                  80
Ser Pro Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro
                85                  90                  95
Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys
            100                 105                 110
Asp Glu Leu
        115
```

<210> 14
<211> 387
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric rat COMP-KDEL

<400> 14

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aagcttacca tgggaaagtt cactgtggtg gcggcggcgt tgctgctgct gggcgcggtg      60
cgggccgagg gatccagcct gggtggagac ctagccccac agatgcttcg agaactccag     120
gagactaatg cggcgctgca agacgtgaga gagctcttgc gacagcaggt caaggagatc     180
accttcctga agaatacggt gatggaatgt gacgcttgcg gaatgcagcc cgcacgcacc     240
cccggtacta gtccgcagcc gcagccgaaa ccgcagccgc agccgcagcc gcagccgaaa     300
ccgcagccga aaccggaacc ggaaggtacc ggatcatcag aaaaagatga gttgtaggcg     360
gccgcagaat tccatatgca tctcgag                                        387
```

<210> 15
<211> 115
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric rat COMP-KDEL

<400> 15

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Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
 1               5                  10                  15
Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Pro Gln Met
            20                  25                  30
Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp Val Arg Glu
        35                  40                  45
Leu Leu Arg Gln Gln Val Lys Glu Ile Thr Phe Leu Lys Asn Thr Val
```

```
    50                  55                  60
Met Glu Cys Asp Ala Cys Gly Met Gln Pro Ala Arg Thr Pro Gly Thr
65                  70                  75                  80
Ser Pro Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro
                85                  90                  95
Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys
            100                 105                 110
Asp Glu Leu
        115
```

<210> 16
<211> 387
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric rat COMP-KDEL

<400> 16

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aagcttacca tgggaaagtt cactgtggtg gcggcggcgt tgctgctgct gggcgcggtg      60
cgggccgagg gatccagcct gggtggagac tgttgtccac agatgcttcg agaactccag     120
gagactaatg cggcgctgca agacgtgaga gagctcttgc gacagcaggt caaggagatc     180
accttcctga agaatacggt gatggaatgt gacgcttgcg gaatgcagcc cgcacgcacc     240
cccggtacta gtccgcagcc gcagccgaaa ccgcagccgc agccgcagcc gcagccgaaa     300
ccgcagccga aaccggaacc ggaaggtacc ggatcatcag aaaaagatga gttgtaggcg     360
gccgcagaat tccatatgca tctcgag                                        387
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<210> 17
<211> 105
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric mouse TSP3-KDEL

<400> 17

```
Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
 1               5                  10                  15
Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Lys Ala Leu
            20                  25                  30
Val Thr Gln Leu Thr Leu Phe Asn Gln Ile Leu Val Glu Leu Arg Asp
        35                  40                  45
Asp Ile Arg Asp Gln Val Lys Glu Met Ser Leu Ile Arg Asn Thr Ile
    50                  55                  60
Met Glu Cys Gln Val Cys Gly Pro Gln Pro Gln Pro Lys Pro Gln Pro
65                  70                  75                  80
Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly
                85                  90                  95
Thr Gly Ser Ser Glu Lys Asp Glu Leu
            100                 105
```

<210> 18
<211> 357

<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric mouse TSP3-KDEL

<400> 18
aagcttacca tgggaaagtt cactgtggtg gcggcggcgt tgctgctgct gggcgcggtg 60
cgggccgagg gatccagcct gggtggagac tgttgtaagg cattggtcac ccagctcacc 120
ctcttcaacc agatcctagt ggagcttcgg gacgacatcc gagaccaggt gaaggaaatg 180
tcactcatcc ggaacaccat catggagtgt caggtgtgcg gtccgcagcc gcagccgaaa 240
ccgcagccgc agccgcagcc gcagccgaaa ccgcagccga aaccggaacc ggaaggtacc 300
ggatcatcag aaaaagatga gttgtaggcg gccgcagaat tccatatgca tctcgag 357

<210> 19
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric mouse TSP3-KDEL

<400> 19
Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
1 5 10 15
Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Gly Glu Gln
20 25 30
Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln Ile Leu Val
35 40 45
Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met Ser Leu Ile
50 55 60
Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly Pro Gln Pro Gln Pro
65 70 75 80
Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro
85 90 95
Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys Asp Glu Leu
100 105

<210> 20
<211> 369
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric mouse TSP3-KDEL

<400> 20
aagcttacca tgggaaagtt cactgtggtg gcggcggcgt tgctgctgct gggcgcggtg 60
cgggccgagg gatccagcct gggtggagac tgttgtgggg agcagaccaa ggcattggtc 120
acccagctca ccctcttcaa ccagatccta gtggagcttc gggacgacat ccgagaccag 180
gtgaaggaaa tgtcactcat ccggaacacc atcatggagt gtcaggtgtg cggtccgcag 240
ccgcagccga aaccgcagcc gcagccgcag ccgcagccga aaccgcagcc gaaaccggaa 300
ccggaaggta ccggatcatc agaaaaagat gagttgtagg cggccgcaga attccatatg 360

catctcgag 369

<210> 21
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric Xenopus laevis TSP4-KDEL

<400> 21

```
Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
 1               5                  10                  15
Val Arg Ala Glu Gly Ser Ser Leu Gly Gly Asp Cys Cys Gly Asp Val
            20                  25                  30
Ser Arg Gln Leu Ile Gly Gln Ile Thr Gln Met Asn Gln Met Leu Gly
        35                  40                  45
Glu Leu Arg Asp Val Met Arg Gln Gln Val Lys Glu Thr Met Phe Leu
    50                  55                  60
Arg Asn Thr Ile Ala Glu Cys Gln Ala Cys Gly Pro Gln Pro Gln Pro
65                  70                  75                  80
Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro
                85                  90                  95
Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys Asp Glu Leu
            100                 105
```

<210> 22
<211> 369
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric Xenopus laevis TSP4-KDEL

<400> 22

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aagcttacca tgggaaagtt cactgtggtg gcggcggcgt tgctgctgct gggcgcggtg      60
cgggccgagg gatccagcct gggtggagac tgttgtggtg acgtcagcag acagttgatt     120
ggccagataa cccaaatgaa tcagatgctg ggagagctcc gagatgtcat gagacagcag     180
gtgaaagaga ccatgttctt gagaaacacc attgcagaat gccaggcctg tggcccgcag     240
ccgcagccga aaccgcagcc gcagccgcag ccgcagccga aaccgcagcc gaaaccggaa     300
ccggaaggta ccggatcatc agaaaaagat gagttgtagg cggccgcaga attccatatg     360
catctcgag                                                             369
```

<210> 23
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric human COMP-KDEL

<400> 23

```
Met Arg Tyr Met Ile Leu Gly Leu Leu Ala Leu Ala Ala Val Cys Ser
```

```
 1               5                  10                  15
Ala Ala Lys Lys Gly Ser Ser Leu Gly Gly Asp Cys Cys Ser Asp Leu
            20                  25                  30
Gly Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln
        35                  40                  45
Asp Val Arg Asp Trp Leu Arg Gln Gln Val Arg Glu Ile Thr Phe Leu
    50                  55                  60
Lys Asn Thr Val Met Glu Cys Asp Ala Cys Gly Pro Gln Pro Gln Pro
65                  70                  75                  80
Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro
                85                  90                  95
Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys Asp Glu Leu
            100                 105
```

<210> 24
<211> 372
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric human COMP-KDEL

<400> 24

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aagcttacca tgggaaggta catgatttta ggcttgctcg cccttgcggc agtctgcagc      60
gctgccaaaa aaggatccag cctgggtgga gactgttgtt cagacctggg cccgcagatg     120
cttcgggaac tgcaggaaac caacgcggcg ctgcaggacg tgcgggactg gctgcggcag     180
caggtcaggg agatcacgtt cctgaaaaac acggtgatgg agtgtgacgc gtgcgggccg     240
cagccgcagc cgaaaccgca gccgcagccg cagccgcagc cgaaaccgca gccgaaaccg     300
gaaccggaag gtaccggatc atcagaaaaa gatgagttgt aggcggccgc agaattccat     360
atgcatctcg ag                                                        372
```

<210> 25
<211> 90
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric human PLB-KDEL

<400> 25

```
Met Arg Tyr Met Ile Leu Gly Leu Leu Ala Leu Ala Ala Val Cys Ser
 1               5                  10                  15
Ala Ala Lys Lys Gly Ser Ser Leu Gly Gly Asp Cys Cys Gln Lys Leu
            20                  25                  30
Gln Asn Leu Phe Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu
        35                  40                  45
Ile Cys Ile Ile Val Met Leu Leu Pro Gln Pro Gln Pro Lys Pro Gln
    50                  55                  60
Pro Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro Glu
65                  70                  75                  80
Gly Thr Gly Ser Ser Glu Lys Asp Glu Leu
                85                  90
```

<210> 26
<211> 315
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric human PLB-KDEL

<400> 26
aagcttacca tgggaaggta catgatttta ggcttgctcg cccttgcggc agtctgcagc 60
gctgccaaaa aaggatccag cctgggtgga gactgttgtc aaaagctaca gaatctattt 120
atcaatttct gtctcatctt aatatgtctc ttgctgatct gtatcatcgt gatgcttctc 180
ccgcagccgc agccgaaacc gcagccgcag ccgcagccgc agccgaaacc gcagccgaaa 240
ccggaaccgg aaggtaccgg atcatcagaa aaagatgagt tgtaggcggc cgcagaattc 300
catatgcatc tcgag 315

<210> 27
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric human TSP3-KDEL

<400> 27
Met Arg Tyr Met Ile Leu Gly Leu Leu Ala Leu Ala Ala Val Cys Ser
1 5 10 15
Ala Ala Lys Lys Gly Ser Ser Leu Gly Gly Asp Cys Cys Gly Glu Gln
20 25 30
Thr Lys Ala Leu Val Thr Gln Leu Thr Leu Phe Asn Gln Ile Leu Val
35 40 45
Glu Leu Arg Asp Asp Ile Arg Asp Gln Val Lys Glu Met Ser Leu Ile
50 55 60
Arg Asn Thr Ile Met Glu Cys Gln Val Cys Gly Pro Gln Pro Gln Pro
65 70 75 80
Lys Pro Gln Pro Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro
85 90 95
Glu Pro Glu Gly Thr Gly Ser Ser Glu Lys Asp Glu Leu
100 105

<210> 28
<211> 372
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric human TSP3-KDEL

<400> 28
aagcttacca tgggaaggta catgatttta ggcttgctcg cccttgcggc agtctgcagc 60
gctgccaaaa aaggatccag cctgggtgga gactgttgtg gggagcagac caaggcattg 120
gtcacccagc tcaccctctt caaccagatc ctagtggagc ttcgggacga catccgagac 180
caggtgaagg aaatgtcact catccggaac accatcatgg agtgtcaggt gtgcggtccg 240

cagccgcagc cgaaaccgca gccgcagccg cagccgcagc cgaaaccgca gccgaaaccg 300
gaaccggaag gtaccggatc atcagaaaaa gatgagttgt aggcggccgc agaattccat 360
atgcatctcg ag 372

<210> 29
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> chimeric human TSP4-KDEL

<400> 29

Met	Arg	Tyr	Met	Ile	Leu	Gly	Leu	Leu	Ala	Leu	Ala	Ala	Val	Cys	Ser
1				5					10					15	
Ala	Ala	Lys	Lys	Gly	Ser	Ser	Leu	Gly	Gly	Asp	Cys	Cys	Gly	Asp	Phe
			20					25					30		
Asn	Arg	Gln	Phe	Leu	Gly	Gln	Met	Thr	Gln	Leu	Asn	Gln	Leu	Leu	Gly
		35					40					45			
Glu	Val	Lys	Asp	Leu	Leu	Arg	Gln	Gln	Val	Lys	Glu	Thr	Ser	Phe	Leu
	50					55					60				
Arg	Asn	Thr	Ile	Ala	Glu	Cys	Gln	Ala	Cys	Gly	Pro	Gln	Pro	Gln	Pro
65					70					75					80
Lys	Pro	Gln	Pro	Gln	Pro	Gln	Pro	Gln	Pro	Lys	Pro	Gln	Pro	Lys	Pro
				85					90					95	
Glu	Pro	Glu	Gly	Thr	Gly	Ser	Ser	Glu	Lys	Asp	Glu	Leu			
			100					105							

<210> 30
<211> 372
<212> DNA
<213> Artificial Sequence

<220>
<223> chimeric human TSP4-KDEL

<400> 30
aagcttacca tgggaaggta catgatttta ggcttgctcg cccttgcggc agtctgcagc 60
gctgccaaaa aaggatccag cctgggtgga gactgttgtg gggactttaa ccggcagttc 120
ttgggtcaaa tgacacaatt aaaccaactc ctgggagagg tgaaggacct tctgagacag 180
caggttaagg aaacatcatt tttgcgaaac accatagctg aatgccaggc ttgcggtccg 240
cagccgcagc cgaaaccgca gccgcagccg cagccgcagc cgaaaccgca gccgaaaccg 300
gaaccggaag gtaccggatc atcagaaaaa gatgagttgt aggcggccgc agaattccat 360
atgcatctcg ag 372

<210> 31
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide that binds to erd2 receptor

<400> 31
Tyr Thr Ser Glu Lys Asp Glu Leu
1 5

<210> 32
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide that binds to erd2 receptor

<400> 32
Leu Asn Tyr Phe Asp Asp Glu Leu
1 5

<210> 33
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> alpha-five integrin binding motif

<400> 33
Cys Asp Cys Arg Gly Asp Cys Phe Cys
1 5

<210> 34
<211> 134
<212> PRT
<213> Artificial Sequence

<220>
<223> KDEL/myc

<400> 34
Met Gly Lys Phe Thr Val Val Ala Ala Ala Leu Leu Leu Leu Gly Ala
1 5 10 15
Val Arg Ala Glu Gly Ser Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
20 25 30
Tyr His Pro Asn Ser Thr Cys Gly Ser Ser Leu Gly Gly Asp Cys Cys
35 40 45
Pro Gln Met Leu Arg Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp
50 55 60
Val Arg Glu Leu Leu Arg Gln Gln Val Lys Glu Ile Thr Phe Leu Lys
65 70 75 80
Asn Thr Val Met Glu Cys Asp Ala Cys Gly Met Gln Pro Ala Arg Thr
85 90 95
Pro Gly Thr Ser Pro Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln
100 105 110
Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro Glu Gly Thr Gly Ser
115 120 125

Ser Glu Lys Asp Glu Leu
130

<210> 35
<211> 444
<212> DNA
<213> Artificial Sequence

<220>
<223> KDEL-myc

<400> 35
aagcttacca tgggaaagtt cactgtggtg gcggcggcgt tgctgctgct gggcgcggtg 60
cgggccgagg gatccgaaca aaaacttatt tctgaagaag acttgtacca cccaaactca 120
acatgcggat ccagcctggg tggagactgt tgtccacaga tgcttcgaga actccaggag 180
actaatgcgg cgctgcaaga cgtgagagag ctcttgcgac agcaggtcaa ggagatcacc 240
ttcctgaaga atacggtgat ggaatgtgac gcttgcggaa tgcagcccgc acgcaccccc 300
ggtactagtc cgcagccgca gccgaaaccg cagccgcagc cgcagccgca gccgaaaccg 360
cagccgaaac cggaaccgga aggtaccgga tcatcagaaa aagatgagtt gtaggcggcc 420
gcagaattcc atatgcatct cgag 444

<210> 36
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> human myc tag

<400> 36
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
1 5 10

<210> 37
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> recognition sequence of KDEL receptor

<400> 37
Lys Asp Glu Leu
1

<210> 38
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> binds to KDEL receptor

<223> Xaa= any amino acid

<400> 38
Xaa Asp Glu Leu
1

<210> 39
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> binds to KDEL receptor

<400> 39
Ser Glu Lys Asp Glu Leu
1 5

<210> 40
<211> 4
<212> PRT
<213> Ratus ratus

<400> 40
Gly Asp Leu Ala
1

<210> 41
<211> 4
<212> PRT
<213> Ratus ratus

<220>
<221> VARIANT
<222> (0)...(0)

<400> 41
Gly Asp Cys Cys
1

<210> 42
<211> 4
<212> PRT
<213> Mus musculus

<400> 42
Gly Glu Gln Thr
1